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MINISTRY OF IRRIGATION AND POWER

REPORT
OF
THE KRISHNA—GODAVARI COMMISSION

Annexure I

Part I—Data of Seasonal and Annual Rainfall
Part II—Data regarding evaporation

July 1962

FOREWORD

The rainfall data presented in Part I of this Annexure have been obtained from the India Meteorological Department, Poona. The rain-gauge stations in the Krishna and Godavari basins and adjoining areas have been arranged alphabetically and district-wise. For rain-gauge stations lying within the two basins, the name of the sub-basin in which each station is situated has also been shown.

Part II of this Annexure contains all the information and data regarding evaporation which the Commission could trace; the source is indicated.

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Part I

RAINFALL DATA

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	ANDHRA PRADESH							
	ADILABAD							
1	Adilabad	G.7 Penganga	19	23.1	54.6	915.7	77.5	**1,070.9**
2	Asifabad	G.9 Pranhita	46	26.9	51.5	833.8	83.3	**995.5**
3	Jowlynalla	G.5 Middle-Godavari	16	31.3	35.8	787.7	73.2	**928.0**
4	Laxmanchanda	,,	16	24.9	39.5	824.2	67.3	**955.9**
5	Nirmal	,,	21	22.4	42.4	882.7	77.7	**1,025.2**
	ANANTAPUR							
1	Amarapuram	K.9 Vedavati	23	1.5	80.0	255.8	127.8	**465.1**
2	Anantapur (observatory)		41	10.9	71.6	336.4	164.1	**583.0**
3	Bukkapatnam		50	9.7	87.6	396.2	160.5	**654.0**
4	Dharamavaram		50	8.9	75.3	308.8	139.2	**532.2**
5	Gooty		50	6.6	65.8	353.8	135.6	**561.8**
6	Guntakal	K.9 Vedavati	23	5.6	57.2	320.1	122.7	**505.6**
7	Hindupur		50	10.2	95.3	325.3	163.1	**593.9**
8	Kadiri		50	11.9	86.9	342.7	175.5	**617.0**
9	Kalyandurg	K.9 Vedavati	50	8.1	77.9	272.3	140.7	**499.0**
10	Kanakal		23	2.8	69.9	231.2	139.8	**443.7**
11	Madakasira		50	10.9	104.6	301.0	177.8	**594.3**
12	Penukonda		50	10.4	90.2	327.4	169.7	**597.7**
13	Rayadurg	K.9 Vedavati	50	9.2	82.9	281.9	153.7	**527.7**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District* / *Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	ANANTAPUR-(contd.)							
14	Tadpatri		50	8.7	67.3	344.5	127.0	**547.5**
15	Tanakal (Tanapallu)		37	11.0	77.6	262.9	159.8	**511.3**
16	Uravakonda	K.9 Vedavati	50	9.6	72.9	300.4	124.2	**507.1**
17	Yadiki		50	7.2	59.4	321.6	117.6	**505.8**
	CHITTOOR							
1	Arogyavaram (observatory)		5	16.7	52.6	348.2	271.1	**688.6**
2	B. K. Pet		16	12.4	103.3	387.6	330.7	**834.0**
3	Chandragiri		50	35.3	78.0	365.7	360.2	**839.2**
4	Chittoor		50	35.3	97.3	442.9	350.5	**926.0**
5	Kalahasti		50	62.2	65.3	333.0	683.1	**1,143.6**
6	Kalakada		15	11.6	87.7	271.5	213.9	**584.7**
7	Kuppam		50	16.8	150.1	363.0	224.2	**754.1**
8	Madanapalle		50	23.9	113.6	335.1	269.0	**741.6**
9	Pakala		46	33.5	111.3	430.7	351.0	**926.5**
10	Palamaner		50	35.8	119.4	382.6	313.9	**851.7**
11	Palipat		22	22.8	97.3	395.7	362.2	**878.0**
12	Peddatippa samudram		11	4.6	84.1	287.9	179.1	**555.7**
13	Piler		50	23.1	85.5	347.3	290.6	**746.5**
14	Punganur		50	23.6	120.4	360.4	253.6	**758.0**
15	Puttur		50	39.3	76.0	410.0	433.9	**959.2**

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(*millimetres*)

Serial Number	*District* / *Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	2	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	CHITTOOR-(contd.)							
16	Ramapuram		22	16.8	97.0	367.1	326.2	**807.1**
17	R. K. Pet		22	20.8	92.7	386.1	320.3	**819.9**
18	Sodam		22	15.0	121.4	355.0	331.7	**823.1**
19	Tavanampalle		14	13.9	69.9	377.4	264.0	**725.2**
20	Tirupati		50	45.2	88.3	379.5	438.4	**951.4**
21	Tiruttani		50	51.1	85.9	443.2	462.3	**1,042.5**
22	Vayalpad		50	29.2	107.7	377.5	277.9	**792.3**
23	Venkatagirikote		50	23.9	139.0	346.4	269.7	**779.0**
	CUDDAPAH							
1	Badvel		50	16.8	57.9	358.9	268.4	**702.0**
2	Chitvel		50	36.3	75.0	382.1	416.0	**909.4**
3	Cuddapah (observatory)		50	14.7	57.3	454.8	220.8	**747.6**
4	Jammalamadugu		50	8.1	62.4	371.8	152.2	**594.5**
5	Kamalapuram		50	11.5	52.3	382.3	167.4	**613.5**
6	Lakkireddipalle		30	8.6	66.4	347.6	212.8	**635.4**
7	Porumamilla		23	4.9	64.2	310.2	198.3	**577.6**
8	Proddatur		50	9.4	55.4	395.5	159.7	**620.0**
9	Pulivendla		50	8.4	63.3	321.3	170.9	**563.9**
10	Pullampet		23	9.9	79.3	345.2	349.8	**784.2**
11	Rajampet		50	22.4	71.7	345.8	333.5	**773.4**
12	Rayachoty		50	14.7	73.0	346.5	233.4	**667.6**

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(*millimetres*)

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	CUDDAPAH (contd.)							
13	Sidhout		50	20.1	65.5	446.1	279.4	**811.1**
14	Vempalli		23	5.8	76.7	368.0	185.7	**636.2**
15	Vonipenta		23	2.3	74.0	418.1	150.1	**644.5**
	EAST GODAVARI							
1	Alamura		50	18.1	77.0	724.5	317.3	**1,136.9**
2	Amalapuram	G.10 Lower Godavari	50	17.7	68.8	700.4	441.0	**1,227.9**
3	Bhadrachalam	,,	50	20.5	96.7	910.6	119.9	**1,147.7**
4	Biccavole		36	20.1	78.4	652.8	315.2	**1,066.5**
5	Chodavaram	G.10 Lower Godavari	50	23.6	151.4	884.5	289.5	**1,349.0**
6	Coringa		50	17.8	82.0	635.2	416.1	**1,151.1**
7	Kakinada (observatory)		50	17.2	74.4	609.3	394.2	**1,095.1**
8	Kothapeta	G.10 Lower Godavari	50	13.2	73.7	731.0	327.6	**1,145.5**
9	Mummidivaram	,,	50	21.3	65.5	742.1	467.8	**1,296.7**
10	Nuguru (Venkatpuram)	,,	37	21.6	81.7	1,257.1	121.1	**1,481.5**
11	Peddapuram		50	18.0	85.6	652.1	277.8	**1,033.5**
12	Pithapuram		50	15.8	79.0	612.6	289.5	**996.9**
13	Prathipadu		50	16.3	118.6	695.5	259.8	**1,090.2**
14	Rajahmundry	G.10 Lower Godavari	50	21.3	94.3	710.7	230.9	**1,057.2**

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	EAST GODAVARI (contd.)							
15	Ramchandrapuram		50	21.6	76.7	664.4	345.9	**1,108.6**
16	Razole	G.10 Lower Godavari	50	14.0	54.8	708.4	416.1	**1,193.3**
17	Tuni		50	21.9	96.0	587.6	258.1	**963.6**
18	Yellavaram		50	23.9	168.1	857.2	245.3	**1,294.5**
	GUNTUR							
1.	Addanki		50	15.5	58.7	408.4	283.2	**765.8**
2.	Bapatla		50	17.5	60.7	522.2	301.5	**901.9**
3.	Chinnaganjam		50	18.7	62.0	419.3	360.2	**860.2**
4.	Guntur		50	19.6	88.6	554.2	235.0	**897.4**
5.	Gurzala	K.7 Lower Krishna	50	12.9	54.8	468.1	167.8	**703.6**
6	Kanuparthi		50	25.1	64.3	387.9	440.7	**918.0**
7.	Macherla	K.7 Lower Krishna	50	9.4	61.0	397.1	173.5	**641.0**
8.	Mangalagiri	”	50	17.7	79.0	602.2	203.0	**901.9**
9.	Narasaraopet		50	18.3	81.7	441.7	209.3	**751.0**
10.	Ongole		50	18.0	60.5	352.6	411.8	**842.9**
11.	Ongole (observatory)		6	3.1	90.9	430.9	411.4	**936.3**
12.	Ponnur		50	16.6	68.3	547.3	253.0	**885.2**
13.	Rentachintala (observatory)	K.7 Lower Krishna	15	8.4	66.5	447.5	177.2	**699.6**
14.	Repalle	K.7 Lower Krishna	50	19.5	68.4	542.3	342.6	**972.8**

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	GUNTUR (contd.)							
15.	Santeravuru		46	16.5	58.2	460.0	322.3	**857.0**
16.	Sattenapalle	K.7 Lower Krishna	50	24.4	81.0	498.6	196.4	**800.4**
17.	Tenali		50	16.5	83.6	603.5	242.9	**946.5**
18.	Venukonda		50	17.5	66.1	366.6	237.5	**687.7**
	HYDERABAD							
1.	Begumpet observatory (Hyderabad)	K.10 Musi	50	19.8	67.5	574.3	110.6	**772.2**
2.	Bolaram	,,	50	16.5	59.0	574.0	110.9	**760.4**
3.	Malkapur	,,	41	17.5	66.8	599.7	89.1	**773.1**
4.	Gandipet	,,	28	14.5	72.4	594.1	104.6	**785.6**
5.	Himayatsagar	,,	25	9.7	63.8	510.0	89.1	**672.6**
6.	Janwada	,,	50	16.8	67.4	577.6	92.0	**753.8**
7.	Medchal	,,	20	12.4	70.6	653.8	85.1	**821.9**
8.	Saifabad (Mint)	,,	13	6.6	56.6	579.9	73.4	**716.5**
9.	Sultanbazar	,,	50	18.1	71.0	570.2	106.1	**765.4**
10.	Tandur	K.6 Lower Bhima	23	7.8	57.1	626.2	64.0	**755.1**
	KARIMNAGAR							
1	Huzurabad	G.6 Maner	20	25.9	65.2	700.8	95.0	**886.9**
2	Jagtial	G.5 Middle Godavari	24	28.0	50.3	770.3	95.4	**944.0**
3	Karimnagar	G.6 Maner	46	28.2	55.8	712.9	82.1	**879.0**
4	Peddapalli (closed)	G.5 Middle Godavari	20	25.2	56.7	783.2	81.5	**946.6**

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(*millimetres*)

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	KHAMMAM							
1	Khammameth	K.12 Muneru	39	18.6	77.6	694.0	120.9	**911.1**
2	Khammameth (observatory)	,,	9	12.2	83.1	683.0	166.9	**945.2**
	KRISHNA							
1	Avanigadda	K.7 Lower Krishna	50	20.6	66.3	558.3	382.8	**1,028.0**
2	Bandar (observatory) (Masulipatnam)		50	20.1	71.1	585.3	390.9	**1,067.3**
3	Gannavaram		50	16.0	75.8	641.3	202.7	**935.8**
4	Gudivada		50	15.7	85.3	612.0	257.6	**970.6**
5	Jaggayyapet	K.11 Pälleru	50	14.2	63.3	561.8	157.5	**796.8**
6	Kaikalur		50	15.7	64.3	618.5	244.6	**943.1**
7	Mangrinapudi		50	19.3	62.0	589.0	334.0	**1,004.3**
8	Nandigama	K.12 Muneru	50	13.9	61.2	589.3	162.0	**826.4**
9	Nuzvid		36	17.8	85.8	692.4	209.9	**1,005.9**
10	Pandraka		50	14.7	65.3	585.0	308.0	**973.0**
11	Tiruvur	K.12 Muneru	50	16.0	80.0	752.1	152.2	**1,000.3**
12	Vijayawada (Bezwada)	K.7 Lower Krishna	50	18.1	81.5	646.5	213.3	**959.4**
	KURNOOL							
1	Adoni	K.8 Tunga-bhadra	50	13.5	61.7	457.1	131.5	**663.8**
2	Allagadda		50	7.3	56.9	497.3	127.0	**688.5**
3	Alur	K 9 Vedavati	50	10.0	74.4	369.8	135.9	**590.1**

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(*millimetres*)

Serial Number 1	*District Station* 2	*Sub-basin* 3	*Number of years for calculating normals* 4	*Jan.-Feb.* 5	*Mar.-May* 6	*June-Sep.* 7	*Oct.-Dec.* 8	*Annual* 9
	KURNOOL—(contd.)							
4	Atmakur	K.7 Lower Krishna	50	8.7	59.7	576.5	122.0	**766.9**
5	Cumbum		46	11.4	58.9	321.0	237.3	**628.6**
6	Dhone	K.8 Tunga-bhadra	46	8.4	60.7	378.7	126.2	**574.0**
7	Giddalore		50	10.6	66.8	420.2	193.9	**691.5**
8	Gudur	K.8 Tunga-bhadra	46	14.8	73.6	433.8	124.5	**646.7**
9	Kodumur	„	21	1.5	60.0	398.3	118.8	**578.6**
10	Koilkuntla		50	8.9	51.3	401.3	126.2	**587.7**
11	Kosigi	K.8 Tunga-bhadra	23	6.9	66.5	405.1	100.0	**578.5**
12	Kurnool (observatory)	„	50	12.2	49.2	431.0	114.5	**606.9**
13	Maddikera	G.5 Middle Godavari	19	3.6	61.2	353.6	113.8	**532.2**
14	Markapur		50	18.0	69.4	305.0	259.7	**652.1**
15	Nandikotkur	K.8 Tunga-bhadra	50	9.4	57.9	484.6	113.0	**664.9**
16	Nandyal		50	6.9	63.8	569.8	124.9	**765.4**
17	Owk		50	10.4	57.9	325.3	132.3	**525.9**
18	Pattikonda	K.8 Tunga-bhadra	50	9.7	64.0	394.3	128.8	**596.8**
19	Peupalli (Pyapali)		50	6.9	70.6	395.7	131.4	**604.6**
20	Voravakal		31	6.9	48.3	390.1	113.8	**559.1**
21	Yemmiganur	K.8 Tunga-bhadra	50	9.9	60.6	397.5	117.3	**585.3**
22	Yerragondapalem (Errangondapalem)		22	11.7	71.8	319.5	256.6	**659.6**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(millimetres)

Serial Number	*District* / *Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	MAHBUBNAGAR							
1	Mahbubnagar	K.7 Lower Krishna	50	15.5	53.1	619.8	103.9	**792.3**
2	Nagarkarool	,,	25	10.1	57.4	471.4	95.2	**634.1**
3	Wanaparthi Road (Closed)	,,	20	7.9	35.1	463.3	87.2	**593.5**
	MEDAK							
1	Anantagiri	K.6 Lower Bhima	8	5.8	75.0	865.1	111.0	**1,056.9**
2	Medak	G.4 Manjra	18	17.6	72.3	803.2	60.3	**953.4**
3	Pocharam	,,	21	14.8	35.0	762.3	63.3	**875.4**
4	Royanpalli	,,	21	15.5	48.2	785.4	74.2	**923.3**
5	Sangareddy	,,	50	20.0	57.9	665.8	90.9	**834.6**
6	Shankarapalli (closed)	K.10 Musi	20	14.3	50.5	511.4	66.2	**642.4**
7	Vikarabad (closed)	K.6 Lower Bhima	20	6.6	84.1	716.5	73.5	**880.7**
	NALGONDA							
1	Bhongir	K.10 Musi	21	12.2	75.5	492.6	104.1	**684.4**
2	Nagaram	,,	20	12.9	75.0	481.3	126.7	**695.9**
3	Nalgonda	K.7 Lower Krishna	50	14.4	58.4	539.5	149.7	**762.0**
4	Pallavada	K.10 Musi	8	3.6	37.1	435.6	113.3	**589.6**
5	Suriapet	,,	21	8.6	47.7	516.2	129.8	**702.3**

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	NELLORE							
1	Atmakur		50	35.6	63.7	241.2	464.6	**805.1**
2	Darsi		50	15.2	63.5	307.7	243.3	**629.7**
3	Gudur		50	51.6	60.9	286.7	639.6	**1,038.8**
4	Iskapalle		50	34.6	52.6	278.6	657.4	**1,023.2**
5	Kandukur		50	25.6	64.2	296.4	464.5	**850.7**
6	Kanigiri		50	21.0	73.2	306.4	330.2	**730.8**
7	Kavali		50	33.0	54.8	280.0	617.9	**985.7**
8	Krishnapatnam		50	44.5	55.7	317.5	735.6	**1,153.3**
9	Nellore (observatory)		50	38.9	53.2	293.3	671.8	**1,057.2**
10	Pakala		50	24.9	64.8	305.3	497.1	**892.1**
11	Podili		50	22.9	65.5	272.9	297.9	**659.2**
12	Rapur		50	57.4	70.6	276.6	599.7	**1,004.3**
13	Sullurpet		50	50.5	56.4	330.2	726.9	**1,164.0**
14	Tada		50	58.9	61.3	359.4	777.8	**1,257.4**
15	Udaigiri		50	50.8	107.2	269.8	489.5	**917.3**
16	Venkatagiri		50	57.9	71.6	299.0	635.0	**1,063.5**
	NIZAMABAD							
1	Achampet	G.4 Manjra	21	19.3	40.1	902.3	73.2	**1,034.9**
2	Alisagar	,,	18	22.6	46.7	907.6	65.0	**1,041.9**
3	Armoor	G.5 Middle Godavari	13	26.4	28.7	854.8	80.0	**989.9**

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(*millimetres*)

Serial Number	*District* / *Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	NIZAMABAD (contd.)							
4	Baridpur	G.4 Manjra	18	34.1	54.6	877.7	74.9	**1,041.3**
5	Bodhan (Shankarnagar)	,,	8	26.7	50.5	922.5	90.7	**1,090.4**
6	Borlam	,,	21	30.0	56.6	1,012.2	90.4	**1,189.2**
7	Bozendrapalli	,,	12	18.3	45.5	909.3	80.3	**1,053.4**
8	Chintakunta	,,	21	23.4	42.9	993.4	71.2	**1,130.9**
9	Doodgaon	G.5 Middle Godavari	15	23.4	37.6	839.5	69.9	**970.4**
10	Jakora	G.4 Manjra	18	32.3	41.5	964.7	85.4	**1,123.9**
11	Kallady	G.5 Middle Godavari	18	24.6	51.0	940.1	90.2	**1,105.9**
12	Kammareddi (closed)	G.6 Maner	20	17.1	33.3	673.9	61.8	**786.1**
13	Magdy	G.5 Middle Godavari	8	25.4	32.0	772.9	56.7	**887.0**
14	Manchappa	,,	15	36.1	34.3	882.6	65.8	**1,018.8**
15	Navipet	,,	13	26.4	35.8	927.6	72.6	**1,062.4**
16	Nizamabad (observatory)	,,	50	26.0	48.8	865.1	72.4	**1,012.3**
17	Perkit	,,	15	26.4	40.8	806.4	71.1	**944.7**
18	Satapur	G.4 Manjra	8	29.4	28.0	863.6	49.8	**970.8**
19	Yelgattor	G.5 Middle Godavari	8	23.8	27.2	858.0	58.4	**967.4**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District* / *Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	VISAKHAPATNAM							
1	Anakapalli		50	29.7	97.3	560.3	293.6	**980.9**
2	Araku	G.12 Sabari	5	12.5	230.5	800.8	276.1	**1,319.9**
3	Bhimunipatnem		50	33.5	83.9	511.8	322.3	**951.5**
4	Chintapalli	G.12 Sabari	17	22.6	183.1	715.4	206.5	**1,127.6**
5	Chodavaram		50	25.9	123.4	598.2	281.2	**1,028.7**
6	Gajapatinagaram		50	28.0	122.8	618.8	271.5	**1,041.1**
7	Konada		50	27.2	79.0	517.7	290.6	**914.5**
8	Malakapuram (Balacheruva)		50	28.4	72.8	462.7	301.0	**864.9**
9	Narasapatam		50	30.5	168.9	656.3	272.5	**1,128.2**
10	Polavaram (Patpolavaram)		50	31.0	74.2	465.5	309.3	**880.0**
11	Srungavarapukota		50	36.6	155.0	671.4	303.8	**1,166.8**
12	Tulabada		29	28.5	183.9	702.3	339.6	**1,254.3**
13	Vizianagaram		50	29.5	112.5	636.2	276.3	**1,054.5**
14	Waltair (observatory) (Visakhapatnam)		50	32.0	78.0	502.1	342.2	**954.3**
15	Yellamanchili		50	35.1	99.5	525.7	303.5	**963.8**
	WARANGAL							
1	Hanamkonda (observatory)	G.6 Maner	50	22.6	63.5	737.9	100.0	**924.0**
2	Mahbubabad	K.12 Muneru	20	23.9	86.8	814.8	112.5	**1,038.0**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District* / *Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	2	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	WARANGAL (contd.)							
3	Mulug	G.6 Maner	39	22.3	63.8	874.7	78.2	**1,039.0**
4	Narsampet	K.12 Muneru	39	25.2	73.2	873.5	89.9	**1,061.8**
5	Palair	K.11 Palleru	21	13.2	55.4	577.3	161.8	**807.7**
6	Singabupalayam	G.10 Lower Godavari	8	9.9	98.0	692.5	138.2	**938.6**
7	Singareni collieries (closed)	K.12 Muneru	19	22.9	69.3	716.7	115.1	**924.0**
8	Wyra	,,	26	16.0	94.5	685.9	162.6	**959.0**
	WEST GODAVARI							
1	Bhimavaram		50	14.7	53.2	659.7	278.9	**1,006.5**
2	Chintalapudi		50	16.3	90.4	794.5	172.4	**1,073.6**
3	Eluru (Ellore)		50	16.5	69.1	690.6	211.9	**988.1**
4	Kovvur	G.10 Lower Godavari	50	20.6	99.5	722.1	215.1	**1,057.3**
5	Narsapur	,,	50	13.5	56.9	679.5	373.9	**1,123.8**
6	Penugonda	,,	37	9.9	59.2	703.4	338.1	**1,110.6**
7	Polavaram	,,	50	20.4	125.4	817.6	226.4	**1,189.8**
8	Tadepalligudem		50	16.3	76.5	730.2	239.3	**1,062.3**
9	Tanuku		50	12.8	68.1	753.1	289.6	**1,123.6**
			MADHYA PRADESH					
	BALAGHAT							
1	Baihar		50	54.1	57.7	1,364.2	85.9	**1,561.9**
2	Balaghat	G.9 Pranhita	50	43.2	52.8	1,500.6	76.0	**1,672.6**

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(*millimetres*)

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1	2	3	4	5	6	7	8	9
	BALAGHAT (contd.)							
3	Dhuti	G.9 Pranhita	24	54.3	66.3	1,490.2	96.0	**1,706.8**
4	Dongargaon	,,	24	42.2	25.5	1,527.7	69.6	**1,665.0**
5	Jumunia	,,	24	43.2	40.9	1,270.3	74.5	**1,428.9**
6	Katangi	,,	50	38.8	55.2	1,212.4	66.2	**1,372.6**
7	Kattanjhiri	,,	24	35.3	39.3	1,323.9	76.5	**1,475.0**
8	Lalburra	,,	17	47.0	44.9	1,462.3	74.9	**1,629.1**
9	Lanji	,,	50	53.6	48.5	1,710.6	84.8	**1,897.5**
10	Palhera (Fagla)		24	46.5	37.4	1,460.8	97.0	**1,641.7**
11	Paraswada (Ahmedpur)		24	57.7	44.4	1,550.8	88.6	**1,741.5**
12	Saleteka		24	56.1	54.9	1,321.6	84.0	**1,516.6**
13	Sarathi	G.9 Pranhita	24	54.1	50.2	1,557.0	100.8	**1,762.1**
14	Waraseoni	,,	45	45.4	43.4	1,394.7	78.8	**1,562.3**
15	Warmain	,,	37	39.6	35.9	1,564.9	75.2	**1,715.6**
	BASTAR							
1	Antagarh	G.11 Indravati	48	30.7	87.1	1,565.6	88.2	**1,771.6**
2	Bhanupratappur	,,	23	29.7	44.4	1,637.1	77.2	**1,788.4**
3	Bhopalpatnam	,,	48	21.3	69.6	1,400.4	100.4	**1,591.7**
4	Bijapur	,,	48	23.1	84.8	1,437.1	112.5	**1,657.5**
5	Dantewara	,,	48	16.3	87.8	1,194.8	113.3	**1,412.2**
6	Jagdalpur (observatory)	,,	41	32.5	124.0	1,270.1	143.8	**1,570.4**
7	Kanker (observatory)		34	32.7	69.0	1,154.5	114.8	**1,371.0**

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(*millimetres*)

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	BASTAR (contd.)							
8	Keskal	G.11 Indravati	48	32.2	88.7	1,231.1	117.8	**1,469.8**
9	Kondagaon	,,	48	27.7	86.8	1,227.2	111.6	**1,453.3**
10	Konta	G.12 Sabari	43	16.3	103.6	1,130.0	135.9	**1,385.8**
11	Narayanpur	G.11 Indravati	48	26.7	80.2	1,208.8	95.7	**1,411.4**
12	Sukma	G.12 Sabari	48	8.7	98.1	1,281.7	115.1	**1,503.6**
	BETUL							
1	Atner		45	31.3	31.3	758.9	92.7	**914.2**
2	Betul (Badnur)		50	34.8	40.6	1,033.1	84.3	**1,192.8**
3	Bhainsdehi		40	29.0	37.4	917.2	111.3	**1,094.9**
4	Chicholi		50	30.0	34.3	1,000.2	83.1	**1,147.6**
5	Multai		50	35.1	44.4	846.0	85.9	**1,011.4**
6	Shahpur		50	48.0	32.2	996.6	65.3	**1,142.1**
	CHHINDWARA							
1	Amarwara	G.9 Pranhita	37	50.3	55.9	960.8	103.1	**1,170.1**
2	Bori		24	49.8	53.9	1,170.0	103.8	**1,377.5**
3	Chaurai	G.9 Pranhita	24	49.0	57.1	1,059.2	102.0	**1,267.3**
4	Chhindwara	,,	50	49.6	45.5	886.7	81.8	**1,063.6**
5	Harrai		49	44.7	44.9	1,087.4	77.4	**1,254.4**
6	Roomal	G.9 Pranhita	45	59.4	62.5	1,392.1	86.1	**1,600.1**
7	Sausar	,,	50	40.9	46.8	870.4	77.2	**1,035.3**
8	Tamia	,,	49	44.5	49.0	1,634.6	95.5	**1,823.6**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May.*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	DURG							
1	Adambad		24	36.1	53.5	1,237.0	86.6	**1,413.2**
2	Ambagarh-chowki		46	40.6	50.3	1,264.5	78.9	**1,434.3**
3	Bemetra		45	44.2	49.7	1,050.5	74.4	**1,218.8**
4	Bhatagaon		24	29.9	37.9	1,158.2	66.4	**1,292.4**
5	Bhilai		24	34.5	51.9	1,145.0	89.5	**1,320.9**
6	Chhuikhadan		49	42.1	52.1	940.5	84.9	**1,119.6**
7	Dongargarh		49	43.4	45.8	1,129.0	87.5	**1,305.7**
8	Durg		50	42.7	58.9	1,096.5	78.8	**1,276 9**
9	Gandai		45	46.7	52.6	940.1	81.6	**1,121.0**
10	Kawardha		49	48.7	62.5	907.7	89.9	**1,108.8**
11	Khairagarh		49	43 2	52.6	984.9	91.7	**1,172.4**
12	Khamaria		49	41.9	52.7	1,000.7	77.5	**1,172.8**
13	Khapari		45	39.1	49.0	1,190.2	67.9	**1,346.2**
14	Kharra		24	46.3	44.1	1,107.7	78.0	**1,276.1**
15	Rajnandgaon		49	44.7	56.4	1,142.7	88.2	**1,332.0**
16	Sanjari		45	36.3	60.0	1,137.9	86.8	**1,321.0**
17	Selod		24	36.1	41.9	1,203.3	78.2	**1,359.5**
	MANDLA							
1	Bajag		33	68.3	68.1	1,247.2	99.9	**1,483.5**
2	Bichhia		33	65.5	54.9	1,504.9	84.0	**1,709.3**
3	Dindori (Ramgarh)		50	63.3	59.4	1,282.2	87.9	**1,492.8**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*miltimetres*)

Serial Number	*District Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	MANDLA (contd)							
4	Karanjia		7	64.8	87.2	1,278.7	96.8	**1,527.5**
5	Mandla		50	64.0	59.4	1,324.9	80.1	**1,528.4**
6	Narayanganj		50	59.9	48.0	1,305.4	76.1	**1,489.4**
7	Niwas		36	53.1	40.8	1,542.0	81.3	**1,717.2**
8	Shahpura		45	60.9	47.0	1,420.4	80.3	**1,608.6**
	RAIPUR							
1	Arang		47	34.0	45.5	1,253.3	72.2	**1,405.0**
2	Baloda-Bazar		48	40.4	46.8	1,189.8	61.7	**1,338.7**
3	Bhatagaon		24	26.9	42.9	1,239.6	72.9	**1,382.3**
4	Deobhog		45	17.6	74.0	1,116.8	90.4	**1,298.8**
5	Dhamtari		50	35.3	65.3	1,252.5	83.3	**1,436.4**
6	Gariabund		48	32.0	66.3	1,357.3	93.8	**1,549.4**
7	Gattasili (Seasonal)		—	—	—	1,256.3	—	—
8	Kanki		24	33.2	35.9	1,226.9	71.1	**1,367.1**
9	Kendri		24	36.8	52.8	1,221.3	74.7	**1,385.6**
10	Khairadatan		45	31.0	35.4	1,201.4	62.0	**1,329.8**
11	Kondapur		24	31.7	42.5	1,198.8	68.4	**1,341.4**
12	Kukurdehi		45	38.1	39.8	1,184.2	60.0	**1,322.1**
13	Kurud		45	30.8	37.9	1,109.3	69.6	**1,247.6**
14	Kusrangi		45	29.5	40.1	1,190.4	63.5	**1,323.5**
15	Lakholi		24	33.0	49.5	1,247.0	68.3	**1,397.8**
16	Mahasamund		45	36.1	52.1	1,385.8	75.5	**1,549.5**

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(millimetres)

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	RAIPUR (contd.)							
17	Maramsilli		24	27.4	48.0	1,289.1	96.3	**1,460.8**
18	Pindron		45	33.7	44.6	1,187.0	62.7	**1,328.0**
19	Pithora		34	40.4	62.5	1,331.1	85.5	**1,519.5**
20	Raipur (observatory)		50	40.6	54.8	1,192.5	70.9	**1,358.8**
21	Rajim		45	27.0	42.2	1,219.4	78.0	**1,366.6**
22	Rudri		24	31.2	54.4	1,280.4	92.5	**1,458.5**
23	Saraipali		49	36.3	54.3	1,220.3	67.8	**1,378.7**
24	Simga		50	39.1	40.6	1,054.8	60.5	**1,195.0**
	SEONI							
1	Ghansore		29	66.8	51.3	1,194.6	84.3	**1,397.0**
2	Keolari	G.9 Pranhita	45	55.6	69.9	1,252.9	95.8	**1,474.2**
3	Lekhnadon		50	60.0	56.7	1,074.4	78.8	**1,269.9**
4	Seoni (observatory)	G.9 Pranhita	50	44.5	62.2	1,194.6	96.3	**1,397.6**
	MADRAS STATE							
	CHINGLEPUT							
1	Athipet		50	46.8	51.5	328.9	801.1	**1,228.3**
2	Cheyyur		50	58.2	70.1	371.2	740.4	**1,239.5**
3	Chingleput		50	48.6	71.4	451.1	641.9	**1,213.0**
4	Covelong		50	66.5	60.5	412.2	768.6	**1,307.8**
5	Kancheepuram		50	42.9	85.1	459.5	525.5	**1,113.0**
6	Madurantakam		50	53.8	83.6	447.1	658.0	**1,242.5**
7	Meenambakkum (observatory)		50	58.0	68.6	363.7	795.3	**1,285.6**

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(*millimetres*)

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	CHINGLEPUT (contd.)							
8	Ponneri		50	53.3	63.5	345.5	779.1	**1,241.4**
9	Poonamalle		50	57.9	69.2	408.2	745.7	**1,281.0**
10	Saidapet		50	62.0	67.8	381.3	804.4	**1,315.5**
11	Sriperumbudar		50	44.9	66.6	402.3	548.2	**1,062.0**
12	Triuvallur		50	56.6	71.4	417.6	567.1	**1,112.7**
13	Uthiramerur		50	51.0	82.5	474.3	558.8	**1,166.6**
14	Vayalur		47	46.3	48.0	315.7	755.9	**1,165.9**
	SOUTH ARCOT							
1	Chidambaram		50	92.7	97.8	363.9	874.8	**1,429.2**
2	Cuddalore (observatory)		50	89.2	92.3	340.4	829.4	**1,351.3**
3	Gingee		50	50.6	102.6	438.7	492.5	**1,084.4**
4	Kallakurchi		50	61.2	133.1	402.3	443.6	**1,040.2**
5	Kattumannarcoil (noti)		50	89.7	100.3	350.7	700.0	**1,240.7**
	Kuringippadi		48	88.3	87.7	380.2	682.5	**1,238.7**
7	Merkanam		50	59.7	75.9	363.4	729.7	**1,228.7**
8	Panruti		50	73.4	92.2	420.1	638.8	**1,224.5**
9	Portonovo		50	86.9	92.9	353.3	911.8	**1,444.9**
10	Srinushanam		48	71.6	115.3	372.6	579.6	**1,139.1**
11	Tindivanam		50	53.9	92.9	410.9	567.9	**1,125.6**
12	Tirukkoyilur		50	43.9	99.3	428.0	448.1	**1,019.3**
13	Tittagudi		50	63.3	139.7	439.2	500.6	**1,142.8**

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(millimetres)

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	SOUTH ARCOT (contd.)							
14	Ulundurpet		50	60.4	108.4	383.0	492.7	**1,044.5**
15	Vanur		50	56.6	87.8	383.0	683.6	**1,211.0**
16	Villupuram		50	56.8	97.5	431.2	571.5	**1,157.0**
17	Vriddhachalam		50	63.0	101.4	398.3	525.8	**1,088.5**
			MAHARASHTRA					
	AHMEDNAGAR							
1	Ahmednagar (observatory)	K.5 Upper Bhima	50	8.6	35.6	475.0	102.7	**621.9**
2	Akola	G.2 Pravara	50	3.6	32.0	462.8	98.3	**596.7**
3	Jamkhed	K.5 Upper Bhima	50	10.2	28.9	509.6	103.2	**651.9**
4	Karjat	,,	50	8.6	29.5	414.2	104.6	**556.9**
5	Koparagaon	G.1 Upper Godavari	50	7.3	21.1	393.9	89.7	**512 0**
6	Mirajgaon	K.5 Upper Bhima	45	7.1	35.0	444.7	101.4	**588.2**
7	Nevasa	G.2 Pravara	50	10.4	20.3	457.6	100.4	**588.7**
8	Parner	K.5 Upper Bhima	50	8.3	33.7	437.3	94.9	**574.2**
9	Pathardi	G.1 Upper Godavari	37	10.7	27.4	530 3	100 6	**669.0**
10	Rahuri	G.2 Pravara	50	6 9	24.1	394.2	94.7	**519 9**
11	Sangamner	,,	50	6.1	24.8	371.6	94.0	**496 5**
12	Shevgaon	G.1 Upper Godavari	50	9.9	22.8	510.8	89.6	**633.1**
13	Shrigonda	K.5 Upper Bhima	50	6.6	26.2	368.3	114.5	**515.6**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(millimetres)

Serial Number	*District Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	AKOLA							
1	Akola (observatory)		50	21.1	22.7	684.8	71.9	**800.5**
2	Akot		50	24.6	22.1	675.3	72.1	**794.1**
3	Balapur		50	21.3	24.3	658.6	69.0	**773.2**
4	Karanja	G.8 Wardha	50	27.7	29.2	752.1	73.9	**882.9**
5	Mangrulpir	G.7 Penganga	50	23.9	32.8	732.2	72.2	**861.1**
6	Murtizapur		50	27.4	25.6	691.6	74.2	**818.8**
7	Patur		50	21.1	32.3	757.2	73.3	**883.9**
8	Risod	G.7 Penganga	50	21.4	32.0	759.5	84.4	**897.3**
9	Sirpur	,,	50	20.8	30.8	776.2	78.7	**906.5**
10	Telhara		50	20.6	16.5	656.1	74.1	**767.3**
11	Washim (Basin)	G.7 Penganga	50	18.8	28.2	801.4	78.4	**926.8**
	AMRAVATI							
1	Achalpur Cantt. (Ellichpur)		50	32.5	29.7	686.9	82.6	**831.7**
2	Amravati (observatory)		50	28.9	31.0	741.7	74.6	**876.2**
3	Anjangaon		50	26.1	23.9	654.4	83.1	**787.5**
4	Badnera		50	27.6	25.9	722.7	71.6	**847.8**
5	Barur (Warud)	G.8 Wardha	50	34.0	37.1	859.5	76.6	**1,007.2**
6	Chandur Bazar		50	35.0	22.8	700.6	73.9	**832.3**
7	Chandur Railway Station	G.8 Wardha	50	29.2	27.1	726.7	67.9	**850.9**
8	Chikalda		50	31.2	39.4	1,501.9	135.4	**1,707.9**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District* / *Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	2	3	4	5	6	7	8	9
	AMRAVATI (contd.)							
9	Daryapur		50	27.4	24.4	644.7	71.3	**767.8**
10	Dharni		50	15.0	19.6	1,031.4	68.3	**1,134.3**
11	Kolhapur		50	26.7	26.2	690.9	71.9	**815.7**
12	Morsi	G.8 Wardha	50	30.0	24.1	720.1	75.0	**849.2**
13	Telegaon	,,	50	30.8	35.3	789.9	71.4	**927.4**
	AURANGABAD							
1	Aurangabad (observatory)	G.3 Purna	50	11.7	26.7	600.5	86.9	**725.8**
	BHANDARA							
1	Bhandara	G.9 Pranhita	50	46.7	49.8	1,223.6	68.1	**1,388.2**
2	Bodalkasa	,,	37	38.3	33.2	1,242.3	65.5	**1,379.3**
3	Chandpur	,,	45	39.8	40.8	1,164.2	68.1	**1,312.9**
4	Chorkhamara	,,	24	38.6	37.1	1,327.4	63.1	**1,466.2**
5	Deori	,,	6	41.4	32.3	1,314.5	57.2	**1,445.4**
6	Gondia	,,	36	48.7	45.7	1,388.9	95.2	**1,578.5**
7	Gondia (observatory)	,,	5	71.1	12.9	1,286.5	100.5	**1,471.0**
8	Khyrbund	,,	45	44.7	32.0	1,332.5	66.0	**1,475.2**
9	Pangree	,,	24	41.2	29.7	1,413.7	70.7	**1,555.3**
10	Pauni	,,	6	59·4	30.9	1,108.2	86.6	**1,285.1**
11	Sakoli	,,	50	44.7	48.3	1,404.9	74.4	**1,572.3**
12	Tirora	,,	50	40.9	39.1	1,274.3	74.9	**1,429.2**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	BHIR							
1	Bhir	G.1 Upper Godavari	50	12.2	27.9	553.2	91.7	**685.0**
2	Chowsala	G.4 Manjra	8	2.1	20.9	533.4	95.8	**652.2**
	BULDANA							
1	Buldana		50	19.3	29.2	736.9	89.9	**875.3**
2	Chikhli	G.7 Penganga	50	19.3	31.9	670.8	86.4	**808.4**
3	Deolgaonraja	G.3 Purna	50	12.0	31.4	683.7	92.5	**819.6**
4	Dhamangaon		23	22.6	26.4	738.7	96.0	**883.7**
5	Donegaon		50	22.4	30.7	768.3	83.5	**904.9**
6	Hiwarkhed		22	11.7	19.3	597.2	90.2	**718.4**
7	Jalgaon		50	21.4	19.6	637.0	77.2	**755.2**
8	Khamgaon		50	20.6	25.4	640.2	79.2	**765.4**
9	Malkapur		50	17.8	20.3	610.3	73.3	**721.7**
10	Mehkar	G.7 Penganga	50	19.9	24.3	700.2	90.9	**835.3**
11	Nandura		50	18.1	21.6	641.6	75.4	**756.7**
12	Shegaon		50	21.9	21.3	664.4	81.8	**789.4**
	CHANDA							
1	Ahiri	G.9 Pranhita	37	31.0	62.5	1,299.8	81.0	**1,474.3**
2	Armori	,,	50	34.1	39.9	1,303.3	73.9	**1,451.2**
3	Asola-Mendha Tank	,,	45	32.0	39.9	1,251.4	82.3	**1,405.6**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	CHANDA (contd.)							
4	Brahmapuri	G.9 Pranhita	50	38.3	44.0	1,320.3	69.4	**1,472.0**
5	Chanda (observatory)	G.8 Wardha	50	32.5	48.0	1,111.0	75.9	**7,267.4**
6	Chimur	G.9 Pranhita	50	32.0	47.3	1,114 9	74.2	**1,268.4**
7	Dhanora	,,	30	34.3	31.0	1,585.1	85.6	**1,736.0**
8	Gadhchiroli	,,	46	33.0	41.1	1,388.7	89.0	**1,551.8**
9	Garmusi	,,	24	37.3	34.8	1,280.5	84.8	**1,437.4**
10	Ghorajheri	,,	45	33.5	32.9	1,223.3	66.3	**1,356.0**
11	Khairee	,,	45	40.9	36.0	1,218.4	85.8	**1,381.1**
12	Kunghari	,,	45	27.6	28.9	1,310.9	73.1	**1,440.5**
13	Mul	,,	50	34.8	44.0	1,064.3	78.8	**1,221.9**
14	Nalesar	G.8 Wardha	24	39.8	40.6	1,180.0	96.5	**1,356.9**
15	Sindewahi	G.9 Pranhita	5	31.0	52.3	1,375.1	65.0	**1,523.4**
16	Sironcha	,,	50	26.9	64.8	1,054.0	85.1	**1,230.8**
17	Warora	G.8 Wardha	50	31.7	41.6	1,034.8	76.8	**1,184.8**
	JALGAON							
1	Amalner		50	10.9	14.0	589.1	61.0	**675.0**
2	Bhadgaon		50	10.7	20.6	615.7	72.9	**719.9**
3	Bhusaval		50	12.7	18.6	685.5	71.3	**788.1**
4	Chalisagaon		50	8.1	19.8	606.1	78.0	**712.0**
5	Chopda		50	9.1	16.2	655.6	50.9	**731.8**
6	Edalabad		50	14.0	14.9	640.1	68.1	**737.1**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District* / *Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	JALGAON (contd.)							
7	Erandol		50	9.6	12.7	613.8	64.8	**700.9**
8	Jalgaon (observatory)		50	12.0	16.6	691.2	66.8	**786.6**
9	Jamner		50	13.0	23.3	689.4	76.0	**801.7**
10	Pachora		50	8.4	21.4	676.9	86.6	**793.3**
11	Parola		50	8.4	17.0	597.5	64.3	**687.2**
12	Raver		50	16.0	17.8	623.6	70.9	**728.3**
13	Yaval		50	12.2	20.3	671.1	64.3	**767.9**
	KOLHAPUR							
1	Chandgad	K.3 Ghataprabha	50	4.6	98.8	2,414.7	178.3	**2,696.4**
2	Gadhinglaj	,,	50	4.0	114.8	686.5	160.0	**965.3**
3	Gagabavada (Bavada)	K.1 Upper Krishna	50	3.0	74.7	5,828.8	305.8	**6,212.3**
4	Gargoti (Gargoli)	K.3 Ghataprabha	50	3.5	74.2	1,306.5	158.0	**1,542.2**
5	Kapashi	,,	16	3.3	93.3	706.0	143.5	**946.1**
6	Kolhapur	K.1 Upper Krishna	50	4.8	79.0	773.1	149.8	**1,006.7**
7	Kolhapur (observatory)	,,	5	5.6	135.1	782.8	146.6	**1,070.1**
8	Kurundwad	,,	48	4.6	63.3	308.1	111.0	**487.0**
9	Radhanagari	,,	17	2.0	69.3	3,573.1	173.2	**3,817.6**
10	Shirol	,,	50	6.1	75.9	366.3	136.2	**584.5**
11	Vadgaon (closed)	,,	17	6.1	91.7	549.1	151.2	**798.1**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	NAGPUR							
1	Deolapur	G.9 Pranhita	34	40.4	46.5	1,022.4	73.9	**1,183.2**
2	Katol	G.8 Wardha	50	37.6	41.7	860.6	70.8	**1,010.7**
3	Khindsi	G.9 Pranhita	37	38.3	39.1	1,051.8	64.2	**1,193.4**
4	Nagpur (observatory)	,,	50	34.8	53.9	1,069.2	84.3	**1,242.2**
5	Parseoni	,,	34	45.7	38.8	950.0	70.9	**1,105.4**
6	Ramtek	,,	50	41.6	46.8	1,048.9	73.4	**1,210.7**
7	Saoner	,,	42	39.1	47.6	905.1	82.9	**1,074.7**
8	Tharsa	,,	35	42.6	45.5	1,107.9	87.4	**1,283.4**
9	Umrer	,,	35	35.0	43.4	1,119.4	81.5	**1,279.3**
	NANDED							
1	Basar (closed)	G.5 Middle Godavari	20	19.6	24.9	792.8	56.8	**894.1**
2	Nanded	G.1 Upper Godavari	50	21.6	28.9	779.5	71.1	**901.1**
	NASIK							
1	Bolthan	G.1 Upper Godavari	13	15.0	8.9	574.6	87.6	**686.1**
2	Chandor	,,	50	5.8	31.8	516.6	91.0	**645.2**
3	Dindori	,,	50	3.9	30.0	636.9	82.3	**753.1**
4	Igatpuri	,,	50	3.8	31.0	3,160.8	146.0	**3,341.6**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District* / *Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	NASIK (contd.)							
5	Kalvan		50	4.4	25.6	573.6	88.4	**692.0**
6	Malegaon (observatory)		50	7.7	23.1	441.3	70.4	**542.5**
7	Nandgaon		50	8.3	21.6	468.9	85.9	**584.7**
8	Nasik	G.1 Upper Godavari	50	3.6	30.9	574.5	87.9	**696.9**
9	Nasik (observatory)	,,	10	59.0	34.8	659.6	134.1	**887.5**
10	Niphad	,,	50	4.9	26.7	434.1	83.1	**548.8**
11	Peint	,,	50	5.4	23.6	2,216.4	106.2	**2,351.6**
12	Pimpalgaon (Pimpalgaon Baswant)	,,	50	4.1	31.0	512.9	81.6	**629.6**
13	Satana (Satna)		50	5.1	18.8	385.6	67.8	**477.3**
14	Sinnar	G.1 Upper Godavari	50	4.1	25.2	438.1	89.6	**557.0**
15	Trimbak	,,	50	6.6	32.7	2,292.9	124.7	**2,456.9**
16	Yeola	,,	50	7.1	25.2	441.0	82.0	**555.3**
	OSMANABAD							
1	Osmanabad	G.4 Manjra	50	8.9	45.3	669.0	86.7	**809.9**
	PARBHANI							
1	Hingoli	G.7 Penganga	20	9.2	30.5	673.3	74.7	**787.7**
2	Parbhani (observatory)	G.1 Upper Godavari	38	16.7	39.9	704.8	92.4	**853.8**
3	Purna (closed)		20	21.1	15.2	921.0	86.2	**1,043.5**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District* / *Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	POONA							
1	Alandi	K.5 Upper Bhima	50	3.6	34.3	463.8	101.4	**603.1**
2	Baramati	,,	50	6.6	34.6	318.5	105.7	**465.4**
3	Bhor	,,	50	3.0	41.9	800.2	110.0	**955.1**
4	Dhond	,,	50	5.6	27.7	327.1	102.2	**462.6**
5	Ghoda (Ghod)	,,	50	2.3	35.5	614.7	108.5	**761.0**
6	Indapur	,,	50	8.4	33.4	353.6	107.6	**503.0**
7	Jejuri	,,	49	4.1	32.8	333.5	116.1	**486.5**
8	Junnar	,,	50	4.0	31.8	597.1	109.7	**742.6**
9	Khandela (observatory)	,,	16	3.6	38.3	4,494.8	169.0	**4,705.7**
10	Khed	,,	50	3.5	34.8	525.4	109.2	**672.9**
11	Lonavala (Lanauli)		50	2.8	33.9	4,114.2	152.7	**4,303.6**
12	Paud	K.5 Upper Bhima	50	2.6	31.2	1,383.1	102.3	**1,519.2**
13	Poona (observatory)	,,	50	3.8	43.6	502.9	111.0	**661.3**
14	Saswad	,,	50	3.0	42.6	375.4	121.6	**542.6**
15	Sirur	,,	50	6.9	27.4	374.1	101.9	**510.3**
16	Talegaon (Dhamdhere)	,,	50	4.6	42.7	384.1	105.9	**537.3**
17	Vadgaon Maval	,,	50	2.8	31.0	982.2	108.2	**1,124.2**
	RATNAGIRI							
1	Amboli		16	13.5	13.4	7,071.3	268.8	**7,477.0**
2	Banda		50	1.5	66.8	3,275.3	227.3	**3,570.9**
3	Chiplun		50	3.3	49.0	3,242.1	202.9	**3,497.3**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number 1	*District Station* 2	*Sub-basin* 3	*Number of years for calculating normals* 4	*Jan.-Feb.* 5	*Mar.-May* 6	*June-Sep.* 7	*Oct.-Dec.* 8	*Annual* 9
	RATNAGIRI (contd.)							
4	Dapoli		50	3.3	34.0	3,130.3	119.6	**3,287.2**
5	Devgad		50	2.3	46.9	2,068.3	128.4	**2,245.9**
6	Devgad (observatory)		7	5.1	70.1	2,001.7	120.0	**2,196.9**
7	Devrukh		50	3.1	50.1	3,417.1	209.2	**3,679.5**
8	Guhagar		50	2.1	33.3	2,404.4	116.9	**2,556.7**
9	Harnai (observatory)		8	3.6	48.3	2,315.2	104.7	**2,471.8**
10	Kankavli		5	0.3	79.2	3,350.5	186.4	**3,616.4**
11	Khed		50	2.5	30.5	3,159.5	179.8	**3,372.3**
12	Kudal		50	1.5	55.1	2,848.9	176.5	**3,082.0**
13	Lanja		5	8.4	66.8	3,507.3	176.8	**3,759.3**
14	Malvan		50	1.5	53.0	1,979.6	120.6	**2,154.7**
15	Mandangad		50	3.0	32.3	3,660.1	152.6	**3,848.0**
16	Rajapur		50	2.1	37.1	3,011.4	162.6	**3,213.2**
17	Ratnagiri (observatory)		50	2.8	34.6	2,436.2	143.5	**2,617.1**
18	Sawantwadi		50	2.6	67.2	3,455.0	233.4	**3,758.2**
19	Vengurla		50	1.8	66.7	2,467.9	134.6	**2,671.0**
	SANGLI (SOUTH SATARA)							
1	Budhgaon (closed)	K.1 Upper Krishna	15	4.6	80.5	410.7	135.7	**631.5**
2	Islampur (Uran Islampur)	,,	50	4.9	72.6	422.8	138.5	**638.8**
3	Jath	K.5 Upper Bhima	50	4.0	55.1	350.8	118.3	**528.2**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	SANGLI (SOUTH SATARA) (contd.)							
4	Madhavpur-vadgaon (closed)	K.5 Upper Bhima	15	3.9	116.8	916.8	188.3	**1,225.8**
5	Miraj (observatory)	”	20	4.6	92.2	396.3	142.0	**635.1**
6	Sangli	”	50	4.3	75.7	359.2	129.3	**568.5**
7	Shirala	”	50	4.6	68.5	647.4	141.7	**862.2**
8	Tasgaon	”	50	6.9	74.4	388.4	129.3	**599.0**
9	Vita	”	50	5.1	52.8	368.5	115.1	**541.5**
	SATARA							
1	Aundh	K.1 Upper Krishna	15	8.4	61.5	449.1	151.4	**670.4**
2	Dahivadi	K.5 Upper Bhima	50	6.6	49.3	293.8	113.2	**462.9**
3	Karad	K.1 Upper Krishna	50	5.3	62.9	508.5	136.4	**713.1**
4	Khandala		40	7.1	40.4	347.6	108.7	**503.8**
5	Koregaon		50	5.4	59.0	527.3	114.6	**706.3**
6	Mahabaleshwar (observatory)		50	7.4	76.7	5,936.0	206.2	**6,226.3**
7	Medha		50	4.9	64.3	1,516.8	137.4	**1,723.4**
8	Mhaswad		50	6.3	44.9	299.9	121.4	**472.5**
9	Panchgani		50	5.4	74.6	1,583.9	201.1	**1,865.0**
10	Patan		50	3.5	57.2	1,638.0	132.9	**1,831.6**
11	Phaltan		50	6.8	37.9	316.5	111.8	**473.0**
12	Pusesawli		50	6.9	60.7	441.7	126.7	**636.0**
13	Satara		50	4.4	56.4	826.6	137.7	**1,025.1**
14	Vaduj		50	7.1	49.1	344.2	111.8	**512.2**
15	Wai		50	3.5	46.8	541.5	118.6	**710.4**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	SHOLAPUR							
1	Akalkot		45	10.4	45.4	526.3	107.1	**689.2**
2	Akluj		50	7.7	30.2	311.1	99.8	**448.8**
3	Barsi		50	9.4	32.5	517.7	97.8	**657.4**
4	Karmala		50	10.2	30.0	408.5	91.9	**540.6**
5	Madha		50	11.2	30.2	433.0	107.3	**581.7**
6	Malshiras		50	8.6	35.9	344.4	125.7	**514.6**
7	Pandharpur		50	8.1	37.6	447.3	118.1	**611.1**
8	Sangola		50	7.6	40.2	374.5	115.3	**537.6**
9	Sholapur (observatory)		50	9.6	41.3	516.3	110.5	**677.7**
	WARDHA							
1	Arvi		50	29.9	31.8	863.8	69.3	**994.8**
2	Hinganghat		50	31.8	40.6	991.1	78.0	**1,141.5**
3	Wardha		50	31.3	40.3	975.4	87.4	**1,134.4**
	YEOTMAL							
1	Darwha		50	26.1	37.3	792.9	68.3	**924.6**
2	Digras		50	24.1	36.9	802.6	73.1	**936.7**
3	Nur	G.8 Wardha	50	27.6	30.9	767.2	70.6	**896.3**
4	Panderkowara		50	28.2	45.0	969.5	79.5	**1,122.2**
5	Pusad		50	23.4	39.2	788.6	78.0	**929.2**
6	Umarkhed		50	24.6	37.4	801.2	67.5	**930.7**
7	Wani (Wun)		50	32.3	55.7	955.5	74.7	**1,118.2**
8	Yeotmal		50	31.2	37.4	925.1	81.0	**1,074.7**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	2	3	4	5	6	7	8	9
			MYSORE STATE					
	BELGAUM							
1	Athni	K.2 Middle Krishna	50	5.9	85.4	361.4	135.2	**587.9**
2	Bailhongal (Sampgaon)	K.4 Mala-prabha	50	3.1	107.9	434.5	163.3	**708.8**
3	Belgaum (observatory)	K.3 Ghata-prabha	50	4.9	119.6	1,015.7	163.0	**1,303.2**
4	Chikodi	K.1 Upper-Krishna	50	3.5	92.7	389.0	147.6	**632.8**
5	Gokak	K.3 Ghata-prabha	50	4.9	92.7	303.0	163.4	**560.0**
6	Hukeri	,,	50	4.3	107.7	399.0	164.6	**675.6**
7	Khanapur	K.4 Mala-prabha	50	2.1	87.1	1,444.7	149.7	**1,683.6**
8	Raibag	K.2 Middle Krishna	17	4.6	78.0	285.2	141.7	**509.5**
9	Ramdurg	K.4 Mala-prabha	50	4.8	91.0	335.6	141.1	**572.5**
10	Saundatti	,,	50	6.1	106.2	332.8	165.2	**610.3**
	BELLARY							
1	Bellary (observatory)	K.9 Vedavati	50	8.9	73.9	276.8	160.3	**519.9**
2	Hadagalli	K.8 Tunga-bhadra	50	7.2	93.0	357.6	152.4	**610.2**
3	Harpanhalli	,,	50	4.9	101.6	362.9	151.1	**620.5**
4	Hospet	,,	50	6.1	81.1	404.0	142.2	**633.4**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District* / *Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	BELLARY (contd.)							
5	Kampli	K.8 Tunga-bhadra	50	5.9	68.5	313.5	125.8	**513.7**
6	Kottur	,,	23	5.1	74.2	287.8	134.6	**501.7**
7	Kudligi	,,	50	6.6	91.5	385.3	134.3	**617.7**
8	Kurugodu	,,	22	3.4	68.6	294.5	157.8	**524.3**
9	Siruguppa	,,	50	10.2	70.4	414.9	136.9	**632.4**
	BIDAR							
1	Bidar (observatory)	G.4 Manjra	46	15.0	62.4	738.2	91.9	**907.5**
	BIJAPUR							
1	Badami	K.4 Mala-prabha	50	4.1	75.9	341.6	144.6	**566.2**
2	Bagalkot	K.3 Ghata-prabha	50	5.9	67.1	345.2	126.3	**544.5**
3	Bagevadi	K.2 Middle Krishna	50	8.4	60.0	360.7	135.9	**565.0**
4	Bijapur (observatory)	,,	50	8.1	56.2	342.2	114.0	**520.5**
5	Bilgi	,,	50	5.3	63.5	322.0	116.1	**506.9**
6	Hungund	,,	50	8.4	71.8	361.2	132.0	**573.4**
7	Ilkal	,,	50	6.1	77.5	361.7	135.3	**580.6**
8	Indi	K.6 Lower Bhima	50	7.4	44.2	394.9	117.9	**564.4**
9	Jamkhandi	K.2 Middle Krishna	50	7.4	71.1	339.6	130.5	**548.6**
10	Muddebihal	,,	50	6.9	59.4	378.2	109.0	**553.5**
11	Mudhol	K.3 Ghata-prabha	50	4.8	78.3	342.2	133.4	**558.7**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	BIJAPUR (contd.)							
12	Sindgi	K.6 Lower Bhima	50	9.2	48.9	380.5	112.9	**551.5**
	CHIKMAGALUR							
1	Balehonnur (observatory)	K.8 Tunga-bhadra	22	4.8	231.3	2,122.5	273.9	**2,632.5**
2	Chikmagalur	,,	50	10.6	191.0	472.3	247.9	**921.8**
3	Kadur	K.9 Vedavati	50	7.6	120.4	252.3	223.3	**603.6**
4	Koppa	K.8 Tunga-bhadra	50	9.4	145.1	2,600.4	248.2	**3,003.1**
5	Mudigere		50	7.4	189.0	1,867.9	274.9	**2,339.2**
6	Narasimharaja-pura	K.8 Tunga-bhadra	50	6.3	152.5	1,447.1	216.1	**1,822.1**
7	Sringeri	,,	50	6.1	139.2	3,285.7	264.1	**3,695.1**
8	Tarikere		50	8.2	119.1	557.0	215.9	**900.2**
	CHITRADURGA							
1	Challakere	K.9 Vedavati	50	9.1	81.9	217.4	147.1	**455.5**
2	Chitradurga (observatory)	,,	50	11.2	104.7	327.1	195.1	**638.1**
3	Davangere	K.8 Tunga-bhadra	50	6.6	103.7	345.7	183.9	**639.9**
4	Harihar	,,	50	6.9	99.6	285.5	161.6	**553.6**
5	Hiriyur	K.9 Vedavati	50	8.4	102.1	249.7	173.4	**533.6**
6	Holalkere	,,	50	11.9	115.8	336.0	189.3	**653.0**
7	Hosadurg	,,	50	7.9	118.6	274.8	205.0	**606.3**
8	Jagalur	,,	50	10.7	91.5	291.8	150.9	**544.9**
9	Molakalmuru	,,	50	7.6	85.5	321.8	174.0	**588.9**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District* / *Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	DHARWAR							
1	Dharwar	K.4 Malaprabha	50	3.5	131.6	493.1	185.1	**813.3**
2	Gadag (observatory)	,,	20	5.3	106.9	359.9	165.6	**637.7**
3	Hangal	K.8 Tungabhadra	50	3.8	108.7	628.8	163.1	**904.4**
4	Haveri	,,	50	7.6	130.9	445.0	185.7	**769.2**
5	Hirikerur (Kod)	,,	50	6.8	110.2	498.6	182.6	**798.2**
6	Hubli	K.4 Malaprabha	50	3.0	116.1	383.5	166.3	**668.9**
7	Kalghatgi		50	2.3	120.6	621.8	169.1	**913.8**
8	Mundargi	K.8 Tungabhadra	50	4.3	73.8	252.9	133.5	**464.5**
9	Nargund	K.4 Malaprabha	50	5.8	91.0	291.5	129.0	**517.3**
10	Navalgund	,,	50	5.1	96.5	334.5	158.8	**594.9**
11	Ranebennur	K.8 Tungabhadra	50	5.3	110.1	332.5	171.5	**619.4**
12	Ron	K.4 Malaprabha	50	4.4	75.8	378.7	147.7	**606.6**
13	Savnur	K.8 Tungabhadra	50	4.3	115.4	390.9	165.6	**676.2**
14	Shiggaon (Bankapur)	,,	50	3.8	99.9	426.4	159.1	**689.2**
	GULBARGA							
1	Gulbarga (observatory)	K.6 Lower Bhima	46	13.2	56.1	559.5	100.9	**729.7**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	GULBARGA (contd.)							
2	Navandgi (closed)	K.6 Lower Bhima	20	4.9	37.8	585.3	62.8	**690.8**
3	Yadgir	,,	28	12.0	52.0	505.6	105.2	**674.8**
	HASSAN							
1	Alur		50	9.4	182.6	600.0	261.9	**1,053.9**
2	Arkalgud		50	11.2	175.2	524.0	237.5	**947.9**
3	Ansikere	K.9 Vedavati	50	11.6	138.5	306.3	216.7	**673.1**
4	Balur		50	11.4	187.2	560.8	241.6	**1,001.0**
5	Channarayapatma		50	6.6	178.1	294.4	234.0	**713.1**
6	Hassan (observatory)		**50**	11.9	178.8	433.9	254.3	**878.9**
7	Holenarsipur		50	10.4	169.2	303.3	225.8	**708.7**
8	Saklespur (Manjarabad)		50	10.7	175.2	1,878.6	284.2	**2,348.7**
	KANARA							
1	Ankola		50	1.8	95.5	2,998.7	200.6	**3,296.6**
2	Bhatkal		50	5.4	129.1	3,492.0	227.8	**3,854.3**
3	Haliyal		50	5.6	135.1	934.9	192.1	**1,267.7**
4	Honavar (observatory)		12	3.9	130.8	3,182.1	184.6	**3,501.4**
5	Karwar		50	1.8	97.2	2,786.9	188.7	**3,074.6**
6	Karwar (observatory)		38	1.6	97.3	2,726.0	186.0	**3,010.9**
7	Kunta		50	4.0	111.0	3,389.1	222.5	**3,726.6**
8	Mundgod		50	3.1	123.2	847.1	181.8	**1,155.2**
9	Siddapur	K.8 Tungabhadra	50	4.1	92.7	2,630.5	209.3	**2,936.6**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number 1	*District Station* 2	*Sub-basin* 3	*Number of years for calculating normals* 4	*Jan.-Feb.* 5	*Mar.-May* 6	*June-Sep.* 7	*Oct.-Dec.* 8	*Annual* 9
	KANARA (contd.)							
10	Sirsi		50	2.8	92.9	2,214.2	193.3	**2,503.2**
11	Supa		50	1.3	101.9	2,051.8	176.8	**2,331.8**
12	Yellapur		50	2.0	97.2	2,235.4	176.5	**2,511.1**
	RAICHUR							
1	Lingsugur	K.2 Middle Krishna	31	3.6	63.2	361.6	113.7	**542.1**
2	Raichur (observatory)	K.7 Lower Krishna	50	10.2	45.5	487.5	118.1	**661.3**
	SHIMOGA							
1	Channagiri	K.8 Tunga-bhadra	50	8.6	113.6	454.2	191.3	**767.7**
2	Honnali	,,	50	8.9	127.5	289.1	186.2	**611.7**
3	Kumsi	,,	48	3.8	130.8	729.7	176.5	**1,040.8**
4	Nagar (Hosanagar)		50	3.8	135.1	2,542.0	194.6	**2,875.5**
5	Sagar	K.8 Tunga-bhadra	50	5.4	113.6	1,769.8	207.5	**2,096.3**
6	Shikarpur	,,	50	3.6	124.9	644.3	206.8	**979.6**
7	Shimoga	,,	50	6.1	116.0	526.6	173.7	**822.4**
8	Sorab	,,	50	3.1	98.7	1,272.0	188.9	**1,562.7**
9	Tirthahalli	,,	50	4.3	116.8	2,652.6	205.2	**2,978.9**
	TUMKUR							
1	Chiknayakanhalli	K.9 Vedavati	50	7.9	149.9	327.1	223.8	**708.7**
2	Gubbi		50	8.3	139.7	410.2	213.4	**771.6**
3	Koratagere		50	9.9	114.3	342.3	191.8	**658.3**
4	Kunigal		50	5.8	147.8	397.0	213.9	**764.5**

STATEMENT SHOWING SEASONAL AND ANNUAL NORMALS OF RAINFALL

(*millimetres*)

Serial Number	*District Station*	*Sub-basin*	*Number of years for calculating normals*	*Jan.-Feb.*	*Mar.-May*	*June-Sep.*	*Oct.-Dec.*	*Annual*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
	TUMKUR (contd.)							
5	Madhugiri		50	9.9	112.2	381.7	213.9	**717.7**
6	Pavagada		50	7.9	98.0	291.1	163.3	**560.3**
7	Sira	K.9 Vedavati	50	9.4	103.1	281.4	172.2	**565.8**
8	Tiptur		50	5.9	146.7	262.2	200.4	**615.2**
9	Tumkur	K.9 Vedavati	50	13.7	132.8	450.1	210.3	**806.9**
10	Turuvekere	,,	50	6.6	147.3	322.8	232.2	**708.9**
			ORISSA					
	KALAHANDI							
1	Bhawanipatna		48	26.7	87.2	1,238.8	104.4	**1,457.1**
2	Khariar		44	32.8	78.0	1,099.4	103.4	**1,313.6**
3	Nawapara		32	21.1	48.1	1,193.8	101.1	**1,364.1**
	KORAPUT							
1	Bissemcuttack		50	25.2	163.3	985.5	126.2	**1,300.2**
2	Gunupur		50	29.2	164.3	867.4	152.2	**1,213.1**
3	Jeypore	G.12 Sabari	49	14.7	127.8	1,663.1	134.6	**1,940.2**
4	Koraput	G.11 Indravati	49	16.0	125.0	1,331.7	145.8	**1,618.5**
5	Malkangiri	G.12 Sabari	49	7.7	90.6	1,435.9	137.7	**1,671.9**
6	Nawarangpur	G.11 Indravati	50	19.0	122.1	1,404.7	112.9	**1,685.7**
7	Padwa	G.12 Sabari	47	9.9	176.2	1,161.6	180.6	**1,528.3**
8	Pottangi	,,	50	18.5	193.3	1,091.9	296.9	**1,600.6**
9	Rayagada		50	22.1	138.4	851.6	152.1	**1,164.2**

PONDICHERRY

Data not available

Part—II

EVAPORATION DATA

STATEMENT

MONTHLY EVAPORATION LOSSES IN KRISHNA-

Serial Number	*Station*	*Sub-basin*	*Year*	*Monthly evaporation*			
				Jan.	*Feb.*	*Mar.*	*Apr.*
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*
1	Khadakwasla	K.5 Upper Bhima	1954	122	156	211	239
			,,	146	154	218	259
			,,	165	158	230	282
2	Bhatghar	K.5 Upper Bhima	,,	144	167	255	290
			,,	206	212	255	288
3	Pashan	K.5 Upper Bhima	,,	165	202	259	323
			,,	175	208	343	351
4	Tungabhadra Dam	K.8 Tungabhadra	,,	207	254	N.A.	291
			1955	211	246	313	276
			1956	225	245	329	347
			1957	199	225	272	305
			1958	193	181	233	239
			1959	140	184	267	273
			1960	139	184	226	243
			1961	165	178	241	241
5	Nagarjunasagar Dam site	K.12 Lower Krishna	1957	N.A.	N.A.	N.A.	N.A.
			1958	177	213	275	298
			1959	166	203	298	308
			1960	171	254	270	330
			1961	162	198	283	332
6	Srisailam Dam site	K.12 Lower Krishna	1960	128	191	241	269
			1961	126	171	226	221
7	Krishnaraja sagar	*	1923-26	140	102	127	178
8	Red Hills lake	*	1844	N.A.	N.A.	N.A.	10
9	Iddiki (Kerala)	*	1959	135	138	198	135
			1960	143	128	169	144

Notes: 1. The information given above are based on the observations made by the States concerned.

2. The diameters of the land pans and whether land pans or floating pans (where known) have been noted in col. 18

I

GODAVARI BASINS AND ADJOINING AREAS

losses in millimetres									*Remarks*
May	*June*	*July*	*Aug.*	*Sep.*	*Oct.*	*Nov.*	*Dec.*	*Annual*	
9	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*
283	188	N.A.	124	86	125	122	105	**N.A.**	Land pan 16' dia.
291	148	N.A.	78	72	131	140	118	**N.A.**	,, ,, 8' dia.
300	216	N.A.	92	101	146	139	124	**N.A.**	,, ,, 1' dia.
275	139	74	58	64	142	154	161	**1923**	,, ,, 16' dia.
279	123	76	60	79	151	180	180	**2089**	,, ,, 1' dia.
339	145	104	125	136	164	166	138	**2266**	,, ,, 4' dia.
307	153	110	137	161	179	183	154	**2461**	,, ,, 1' dia.
311	253	186	182	209	199	198	174	**N.A.**	
262	207	193	176	190	171	177	190	**2612**	
247	202	139	178	160	158	130	171	**2531**	
247	180	153	132	194	178	165	184	**2434**	
206	225	141	154	170	190	150	129	**2211**	
294	178	116	153	143	141	152	150	**2191**	
250	199	188	166	143	176	134	149	**2197**	
211	170	137	137	140	153	127	145	**2045**	
N.A.	N.A.	N.A.	N.A.	215	198	187	166	**N.A.**	
305	362	194	163	179	158	132	137	**2593**	
349	268	233	215	182	167	173	159	**2721**	
347	305	235	297	143	216	142	162	**2872**	
336	261	189	211	192	N.A.	N.A.	N.A.	**N.A.**	
275	235	133	165	113	122	96	122	**2090**	Land pan
242	191	112	122	101	122	96	122	**1852**	,, ,,
203	178	140	140	140	178	140	140	**1806**	
9	10	8	9	N.A.	N.A.	N.A.	N.A.	**N.A.**	
121	71	87	59	68	81	103	124	**1320**	
86	77	84	93	80	108	73	114	**1299**	

3. The figures given for Krishnarajasagar are the rates of monthly evaporation finally agreed to by Mysore and Madras, as a result of joint pan observations.
4. Stations outside the Krishna and Godavari Basin are indicated as*

STATEMENT

MEAN MONTHLY EVPAORATION IN INCHES IN

Serial Number	*Station*	*Basin* / *Sub-Basin*	*Jan.*	*Feb.*	*Mar.*	*Apr.*	*May*
	KRISHNA (BASIN)						
1	Belgaum	K.3 Ghataprabha	9.55	9.24	15.66	11.70	9.39
2	Poona	K.5 Upper Bhima	8.49	8.32	12.71	17.73	14.23
3	Ahmednagar	K.5 Upper Bhima	10.60	11.26	17.76	21.39	17.63
4	Sholapur	K.5 Upper Bhima	15.06	16.97	24.15	24.93	20.93
5	Gulbarga	K.6 Lower Bhima	10.04	11.98	18.38	20.61	20.00
6	Raichur	K.7 Lower Krishna	10.45	11.90	17.33	18.75	19.41
7	Kurnool	K.8 Tungabhadra	6.32	7.98	13.21	16.08	17.76
8	Chitradurga	K.9 Vedavati	10.60	10.89	14.35	11.19	9.49
9	Hyderabad	K.10 Musi	5.15	6.13	9.86	12.60	18.69
10	Hassan	*	4.50	3.98	6.29	5.19	6.42
11	Bangalore	*	5.39	5.91	8.87	7 59	7.22
12	Bombay	*	7.35	7.59	8.43	8.46	8.26
13	Marmagoa	*	3.72	3.47	5.74	7.41	7.71
14	Mangalore	*	5.86	4.40	5.30	6.21	5.70
	GODAVARI BASIN						
1	Aurangabad	G.3 Purna	14.76	15.37	22.88	29.13	21.92
2	Hanamkonda	G.6 Maner	7.10	8.09	10.54	12.33	19.10
3	Chanda	G.8 Wardha	4.62	5.66	11.19	13.77	20.58
4	Seoni	G.9 Pranhita	5.49	5.96	11.16	14.88	20.71
5	Nagpur	G.9 Pranhita	6.05	6.94	12.87	16.23	24.09
6	Amravati	*	9.05	9.13	15.35	17.73	21.79
7	Raipur	*	4.84	5.91	11.84	15.63	22.72
8	Khandwa	*	5.36	8 40	12.15	15.60	23.72
9	Angul	*	4.96	5.60	10.11	10.86	11.47
10	Gopalpur	*	7.07	7.95	12.06	10.95	11.01
11	Cocanada	*	4.74	4.37	4.90	4.89	5.67

Note 1. The figures given above have been obtaind from Evaporation in India calculated from other meteorological factors by Raman and Satakopan, Scientific Notes Vol. VI, No.61, India Meteorological Department.

II
KRISHNA-GODAVARI BASINS AND ADJOINING AREAS

June	*July*	*Aug.*	*Sep.*	*Oct.*	*Nov.*	*Dec.*	*Total (Annual)*
5.79	2.85	2.45	2.67	5.12	8.13	9.39	**91.94**
8.82	5.39	4.46	4.50	5.67	7.35	6.82	**104.49**
8.58	6.67	6.42	5.58	6.17	9.54	8.06	**129.66**
12.30	9.24	8.43	6.54	10.01	12.60	12.68	**174.84**
12.12	7.53	7.41	6.39	9.11	9.36	8.46	**141.39**
13.05	9.49	9.27	7.35	9.36	8.76	8.62	**143.74**
12.57	9.08	8.46	6.42	5.86	5.16	4.96	**113.86**
7.05	5.30	5.45	4.92	5.58	6.69	8.09	**99.60**
9.30	6.05	5.77	4.53	5.52	4.89	4.40	**92.89**
3.27	2.60	2.64	2.61	3.16	3.57	3.60	**47.83**
5.40	4.31	4.09	3.63	3.91	4.29	4.62	**65.23**
6.87	6.54	5.52	3.87	5.52	6.96	7.35	**82.72**
3.60	3.29	2.60	1.56	1.71	3.45	4.93	**49.19**
2.19	1.95	1.83	1.95	2.54	3.45	5.24	**46.62**
10.83	5.92	5.15	5.82	10.88	12.00	10.91	**165.57**
14.55	7.01	7.81	6.33	7.04	6.84	6.60	**113.34**
11.58	5.21	4.65	3.87	4.62	3.54	3.35	**92.64**
9.33	3.63	2.82	3.81	6.60	5.70	4.99	**95.08**
11.19	4.40	4.25	4.38	6.67	5.97	5.33	**108.37**
10.77	4.59	3.81	4.11	8.37	8.64	8.37	**121.71**
11.52	4.31	3.22	3.81	5.18	4.56	4.31	**97.85**
11.97	6.17	4.40	6.24	6.91	6.24	5.64	**112.80**
9.60	4.53	3.91	3.48	4.28	4.44	4.12	**77.36**
8.43	6.05	4.74	4.50	5.30	5.82	5.70	**89.58**
5.97	4.43	3.47	3.50	5.05	6.03	5.86	**58.88**

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2. Stations outside the Krishna and Godavari basins are indicated as*